

Title (en)

DEVICE FOR DETECTING THE PRESSURE PREVAILING IN A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR ERFASSUNG DES DRUCKS IN EINEM BRENNRAUM EINER VERBRENNUNGSKRAFTMASCHINE

Title (fr)

DISPOSITIF PERMETTANT DE DETECTER LA PRESSION REGNANT DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1792156 B1 20120711 (DE)

Application

EP 05747994 A 20050503

Priority

- EP 2005052021 W 20050503
- DE 102004043874 A 20040910

Abstract (en)

[origin: WO2006027280A1] The invention relates to a device for detecting the pressure prevailing in a combustion chamber of a self-igniting internal combustion engine. In said device, a pressure sensor (18) is accommodated in a sheath-type glow plug (1) encompassing a glow pencil (2) and a fixing member (17) in a housing (4). The pressure sensor (18) is disposed on the fixing member (17) of the glow pencil (2) while an evaluation circuit is integrated in the pressure sensor (18).

IPC 8 full level

F23Q 7/00 (2006.01); **G01L 23/22** (2006.01)

CPC (source: EP)

F23Q 7/001 (2013.01); **G01L 23/22** (2013.01); **F02P 19/028** (2013.01); **F23Q 2007/002** (2013.01)

Citation (examination)

US 4576052 A 19860318 - SUGIYAMA SUSUMU [JP]

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

DE 102004043874 A1 20060316; EP 1792156 A1 20070606; EP 1792156 B1 20120711; JP 2008512660 A 20080424; JP 4741594 B2 20110803; WO 2006027280 A1 20060316

DOCDB simple family (application)

DE 102004043874 A 20040910; EP 05747994 A 20050503; EP 2005052021 W 20050503; JP 2007530681 A 20050503